

04-13-05

Rce  
2815  
JW

PTO/SB/30 (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL</b>  Address to: Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	<b>Application Number</b>	09/944,472
	<b>Filing Date</b>	August 30, 2001
	<b>First Named Inventor</b>	James J. Howarth
	<b>Art Unit</b>	2815
	<b>Examiner Name</b>	J. Diaz
	<b>Attorney Docket Number</b>	2269-4348US (MUEI-0547.00/US)

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 C.F.R. 1.114**

a. ☐ Previously submitted

i. ☐ Consider the amendment(s)/reply under 37 C.F.R. 1.116 previously filed on \_\_\_\_  
(Any unentered amendment(s) referred to above will be entered).

ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_

iii. ☐ Other \_\_\_\_

b. Enclosed

i. ☒ Amendment/Reply

ii. ☐ Affidavit(s)/Declaration(s)

iii. ☒ Information Disclosure Statement (IDS)

iv. ☐ Other \_\_\_\_

2. **Miscellaneous**

a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. 1.103(c) for a period of \_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. 1.17(i) required)

b. ☐ Other \_\_\_\_

3. **Fees** The RCE fee under 37 C.F.R. 1.17(e) is required by 37 C.F.R. 1.114 when the RCE is filed.

a. ☒ The Director is hereby authorized to charge **any deficiency in** the following fees, or credit any overpayments, to Deposit Account No. 20-1469

i. ☒ RCE fee required under 37 C.F.R. 1.17(e)

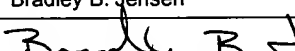
ii. ☐ Extension of time fee (37 C.F.R. 1.136 and 1.17)

iii. ☐ Other \_\_\_\_

b. ☒ Check in the amount of \$790.00 enclosed

c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
Name (Print /Type)	Bradley B. Jensen	Registration No. (Attorney/Agent)	46,801
Signature		Date	April 12, 2005

**CERTIFICATE OF MAILING**

Express Mail Label Number: EL994823250US

Date of Deposit: April 12, 2005

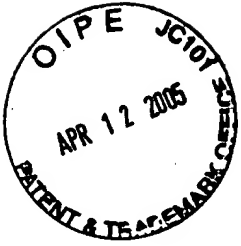
Person Making Deposit: Steve Wong

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND Fees and Completed Forms to the following address: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

04/14/2005 AWONDAF1 00000096 09944472

01 FC:1801

790.00 OP



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

James J. Howarth

**Serial No.:** 09/944,472

**Filed:** August 30, 2001

**For:** METHOD OF BALL GRID ARRAY  
(BGA) ALIGNMENT, METHOD OF  
TESTING, ALIGNMENT APPARATUS  
AND SEMICONDUCTOR DEVICE  
ASSEMBLY

**Confirmation No.:** 1559

**Examiner:** J. Diaz

**Group Art Unit:** 2815

**Attorney Docket No.:** 2269-4348US  
(MUEI-0547.00/US)

**Notice of Allowance Mailed:**

January 12, 2005

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL994823250US

Date of Deposit with USPS: April 12, 2005

Person making Deposit: Steve Wong

**AMENDMENT ACCOMPANYING REQUEST FOR  
CONTINUED EXAMINATION (RCE)**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Please amend the above-referenced application as follows:

**Amendments to the Title** appear on page 3 of this paper.

**Amendments to the Specification** begin on page 4 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 6 of this paper.

**Remarks** begin on page 13 of this paper.

IN THE TITLE:

The title has been amended herein. Pursuant to 37 C.F.R. §§ 1.121 and 1.125 (as amended to date), please enter the title as amended.

**METHOD OF ~~BALL GRID ARRAY (BGA) ALIGNMENT,~~ SEMICONDUCTOR**  
**DEVICE PACKAGE ALIGNMENT AND METHOD OF TESTING, ALIGNMENT**  
**APPARATUS AND SEMICONDUCTOR DEVICE ASSEMBLY**